



Decision Support Briefing for SnowEx (NASA) – 9 February, 2017

Overview

Mid and high clouds will begin to increase Friday afternoon as moisture moves in ahead of the next storm. This will result in lowering cloud decks and scattered showers of rain and snow. High snow levels will not allow the Grand Mesa to see all snow until early Saturday morning or even early afternoon. The cold front is projected to move through the region from NW to SE Saturday, pushing through the Senator Beck Saturday night through Sunday morning. Precipitation chances will decrease from north to south on Sunday morning for a short break before snow starts back up again over Senator Beck Basin Sunday early afternoon through Sunday night. A "dirty" ridge looks to move into the region for the new work week - "dirty" meaning skies do not appear to clear with some lingering high and mid clouds over the higher terrain.

Local Weather Hazards for 10 Miles NNW Cedaredge CO (Grand Mesa at Mesa/Delta Co Line)

[Special Weather Statement](#)

National Weather Service Forecast for 10 Miles NNW Cedaredge CO (Grand Mesa at Mesa/Delta Co Line)

For the latest forecast, go to:

<http://forecast.weather.gov/MapClick.php?lat=39.027&lon=-108.02>

Tonight: Mostly cloudy, with a low around 33. South wind 10 to 15 mph.

Friday: A 10 percent chance of rain after 11am. Mostly cloudy, with a high near 46. South southwest wind 10 to 15 mph, with gusts as high as 25 mph.

Friday Night: Rain likely before 9pm, then rain and snow. Low around 29. South southwest wind 10 to 15 mph, with gusts as high as 25 mph. Chance of precipitation is 90%. New snow accumulation of less than one inch possible.

Saturday: Snow. High near 34. Southwest wind 5 to 10 mph becoming northwest in the afternoon. Chance of precipitation is 90%. New snow accumulation of 3 to 7 inches possible.

Saturday Night: Snow likely, mainly before 11pm. Mostly cloudy, with a low around 20. North wind 5 to 10 mph. Chance of precipitation is 60%.

Sunday: A 50 percent chance of snow. Partly sunny, with a high near 32.

Sunday Night: Mostly cloudy, with a low around 18.

Monday: Mostly sunny, with a high near 34.

Monday Night: Mostly clear, with a low around 18.

Tuesday: Sunny, with a high near 35.

Tuesday Night: Mostly clear, with a low around 21.

Wednesday: Mostly sunny, with a high near 37.

Wednesday Night: Partly cloudy, with a low around 20.

Thursday: Sunny, with a high near 39.

Local Weather Hazards for 7 Miles ENE Ophir CO (Senator Beck)

[Special Weather Statement](#)

National Weather Service Forecast for 7 Miles ENE Ophir CO (Senator Beck)

For the latest forecast, go to:

<http://forecast.weather.gov/MapClick.php?lat=37.905&lon=-107.72>

Tonight: Partly cloudy, with a low around 27. Breezy, with a west southwest wind 15 to 20 mph, with gusts as high as 35 mph.

Friday: A 30 percent chance of rain after 5pm. Partly sunny, with a high near 39.

Breezy, with a southwest wind 15 to 25 mph, with gusts as high as 45 mph.

Friday Night: Snow likely, mainly after 11pm. Widespread blowing snow after 11pm. Cloudy, with a low around 25. Breezy, with a southwest wind around 25 mph, with gusts as high as 40 mph. Chance of precipitation is 60%. New snow accumulation of around an inch possible.

Saturday: Snow. Widespread blowing snow, mainly before 3pm. High near 28.

Breezy, with a southwest wind 15 to 25 mph, with gusts as high as 40 mph. Chance of precipitation is 90%. New snow accumulation of 3 to 5 inches possible.

Saturday Night: Snow. Patchy blowing snow before 2am, then patchy blowing snow after 3am. Low around 17. West southwest wind 10 to 15 mph becoming south southeast after midnight. Chance of precipitation is 90%.

Sunday: Snow. The snow could be heavy at times. Patchy blowing snow before 8am. High near 25. Chance of precipitation is 90%.

Sunday Night: Snow showers likely, mainly before 11pm. Mostly cloudy, with a low around 12. Chance of precipitation is 60%.

Monday: A chance of snow showers, mainly before 11am. Mostly sunny, with a high near 26.

Monday Night: Partly cloudy, with a low around 13.

Tuesday: Sunny, with a high near 29.

Tuesday Night: Mostly clear, with a low around 15.

Wednesday: Mostly sunny, with a high near 30.

Wednesday Night: Mostly clear, with a low around 15.

Thursday: Sunny, with a high near 33.

Aviation Forecast for Grand Junction Regional Airport

KGJT 092320

TAFGJT

TAF

KGJT 092320Z 1000/1024 VRB05KT P6SM SCT250

FM100600 14007KT P6SM SCT140

FM101200 07006KT P6SM BKN150

FM101400 17004KT P6SM BKN150

FM101800 19005KT P6SM SCT150

FM102200 22008KT P6SM BKN110=

Aviation Forecast for Colorado Springs Airport

KCOS 092320Z 1000/1024 24012KT P6SM SCT100 BKN200

FM100600 32009KT P6SM BKN200

FM101000 20008KT P6SM BKN200

FM101800 21014KT P6SM FEW120 BKN200

FM102100 23016G26KT P6SM SCT120 BKN200=

Aviation Forecast for Centennial Airport

KAPA 092325Z 1000/1024 VRB05KT P6SM FEW120 FEW150 BKN220

FM100300 19011KT P6SM FEW150 SCT220

FM101000 22012KT P6SM FEW120 BKN220

FM101600 24016G26KT P6SM SCT120 BKN220

FM101900 26020G30KT P6SM SCT120 BKN220=

Discussion

Grand Mesa forecast cloud levels:

Friday: Generally BKN 12000ft AGL persisting throughout mid-afternoon becoming BKN 9000ft AGL around 1400. Gradually decreasing the remainder of the afternoon to 6000ft AGL by 1600.

Senator Beck forecast cloud levels:

Friday: BKN 10000ft AGL lowering to 8000 ft AGL by noon and decreasing thereafter.

Current PIREPs: <https://www.aviationweather.gov/airep/plot?type=turb@ion=SW>

Current SITREPs: <https://www.aviationweather.gov/sigmet>

Current radar:

<http://radar.weather.gov/radar.php?rid=GJX&product=NCR&overlay=11101111&loop=yes>

Current satellite: <http://www.weather.gov/satellite?image=ir#ir>

For official pilot briefings, call 1-800-WX-BRIEF

For Further Information

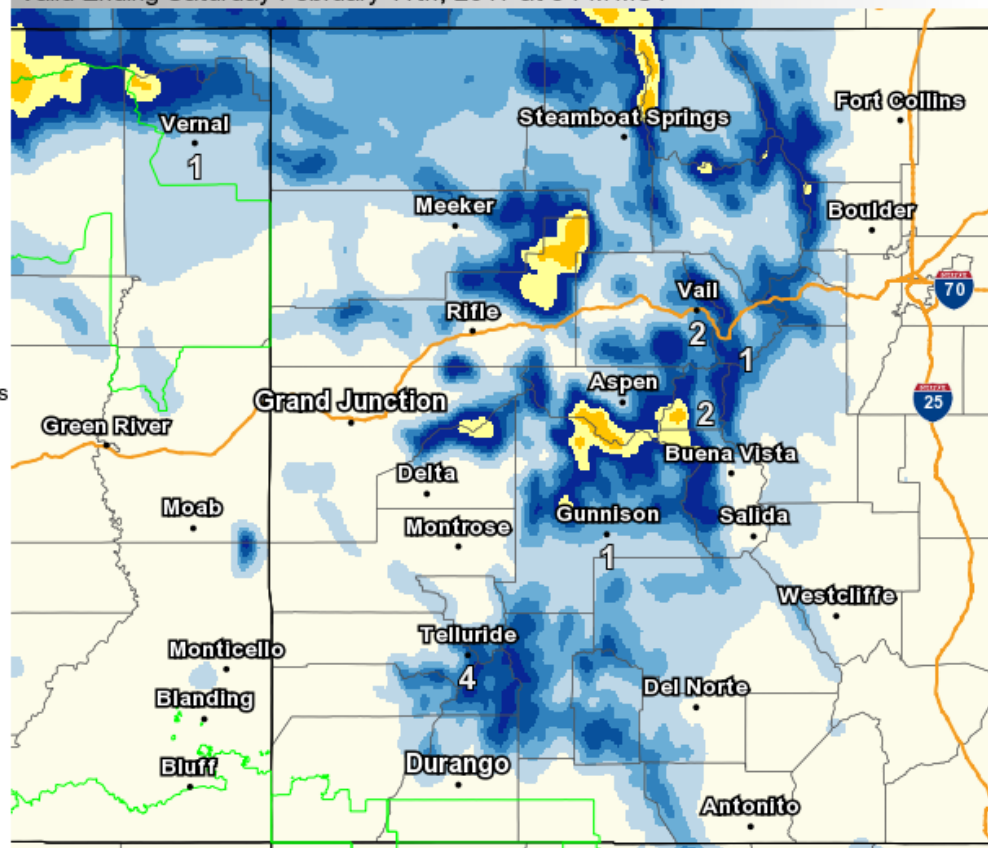
- Contact National Weather Service operations 24 hours a day at 970-256-9463 (unlisted)
- For specific support of emergency response incidents, request a spot forecast by contacting the NWS forecast office by phone or online.
- Online spot forecast request available at:
<http://www.weather.gov/spot/monitor/?lat=39.0293452169889&lon=-109.20392753906285&z=7>

Forecaster: Julie Malingowski

Forecast Snowfall

National Weather Service

Valid Ending Saturday February 11th, 2017 at 5 PM MST



Graphic Created
February 9th, 2017
4:45 PM MST